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Figure 1

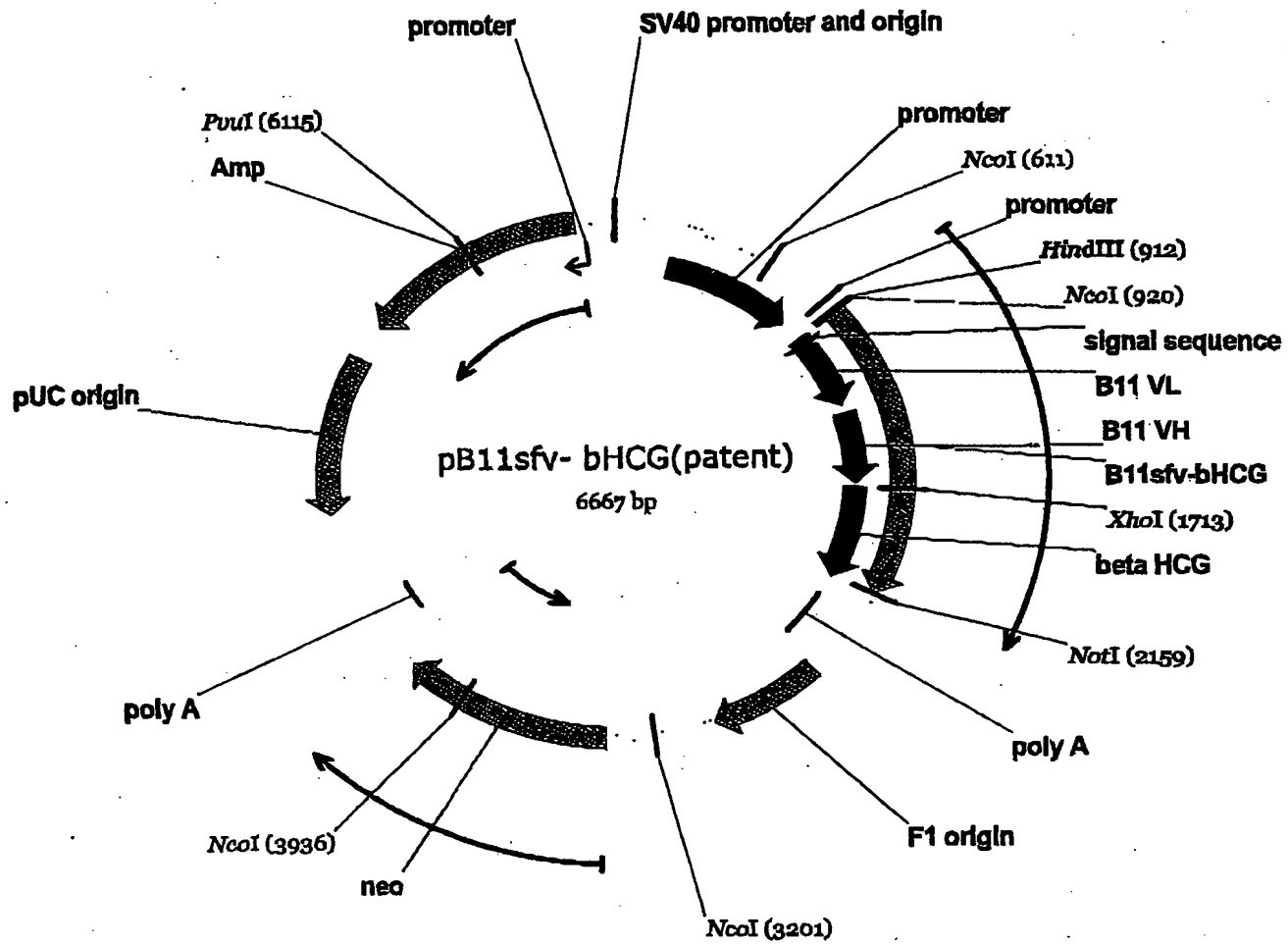


Figure 2

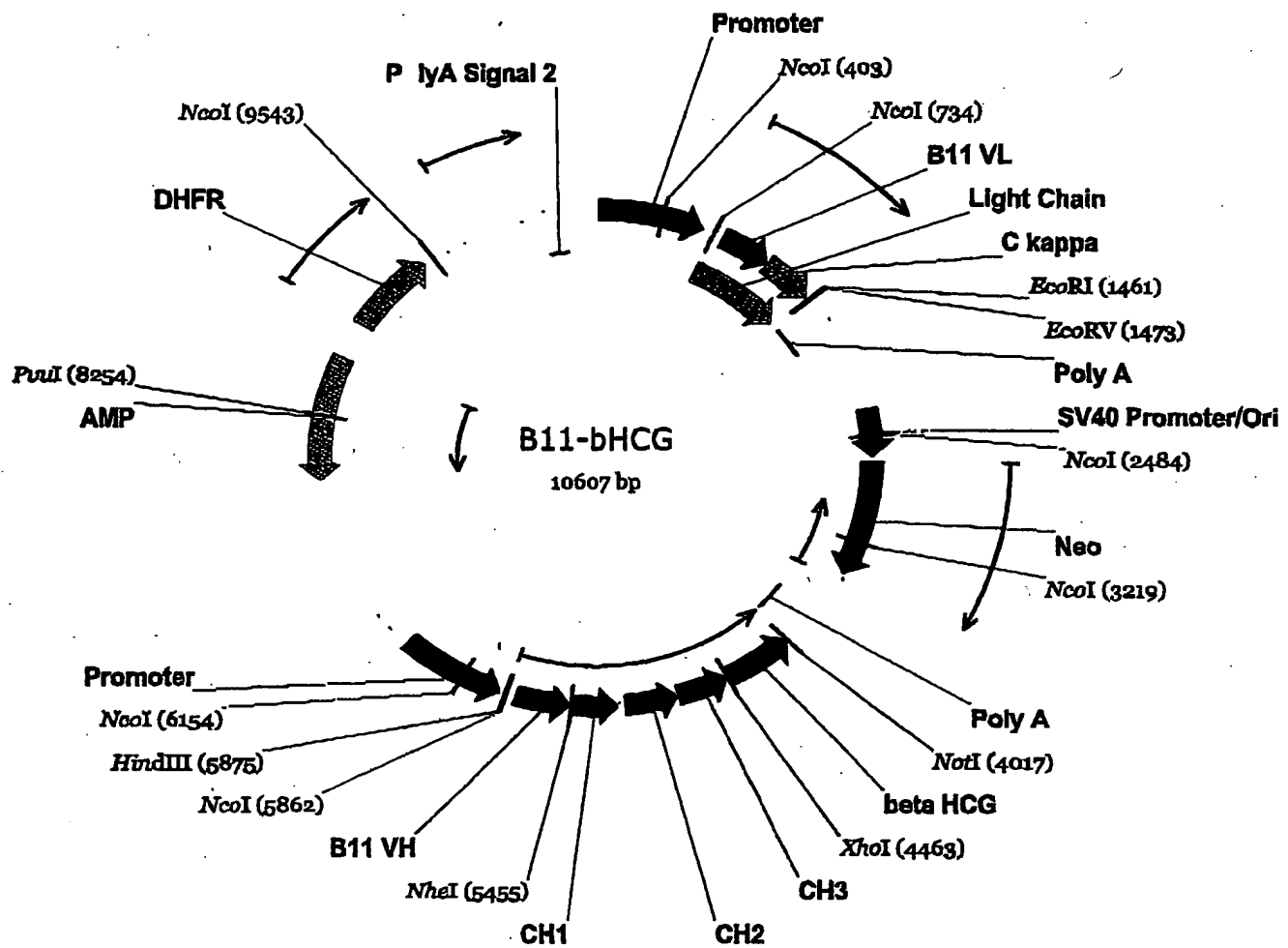


Figure 3

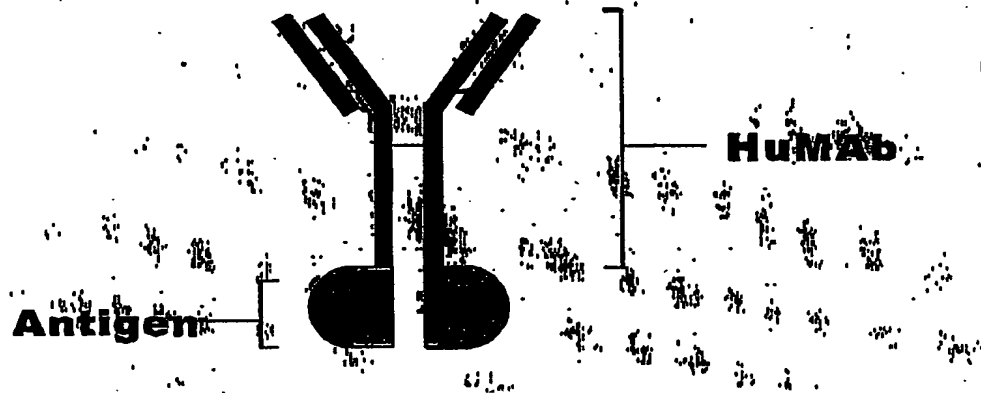


Figure 4

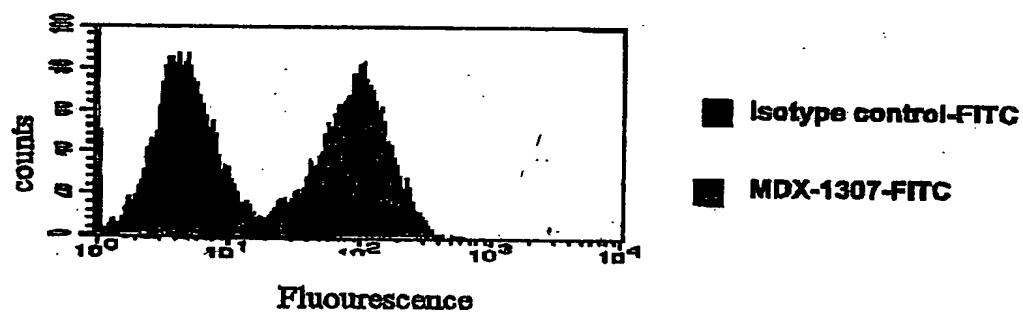


Figure 5

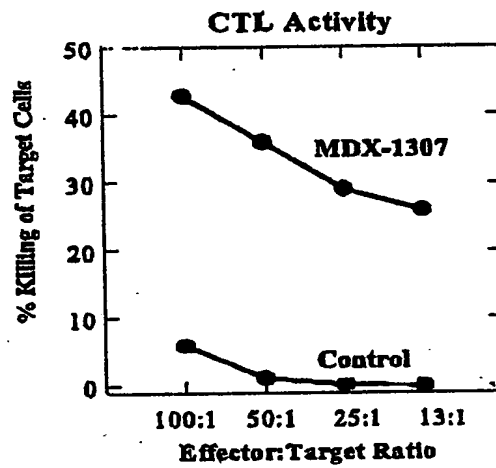


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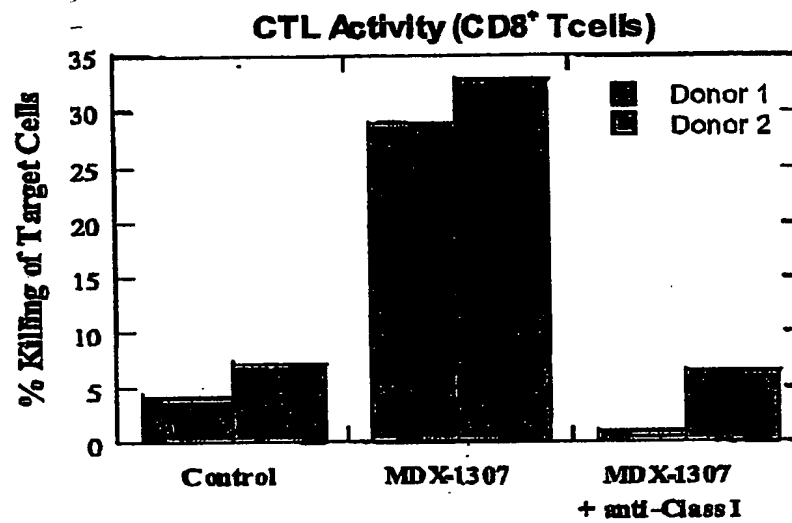


Figure 7

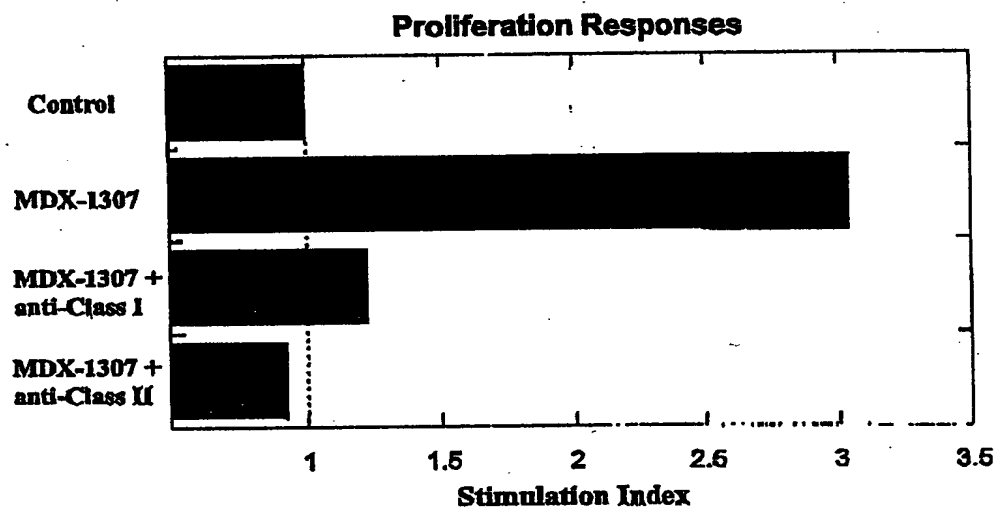


Figure 8**Anti-Mannose Receptor B11 VH**

V-segment: Locus - 5-51 Name: DP-73/V5-51
D-segment: Unknown
J-segment: JH4b

```
1      E V Q L V Q S G A E V K K P G E S L
      GAG GTG CAG CTG GTG CAG TCT GGA GCA GAG GTG AAA AAG CCC GGG GAG TCT CTG

                                CDR 1
                                -----
55      R I S C K G S G D S F T T Y W I G W
      AGG ATC TCC TGT AAG GGT TCT GGA GAC AGT TTT ACC ACC TAC TGG ATC GGC TGG

                                CDR 2
                                -----
109     V R Q M P G K G L E W M G I I Y P G
      GTG CGC CAG ATG CCC GGG AAA GGC CTG GAG TGG ATG GGG ATC ATC TAT CCT GGT

                                CDR 2
                                -----
163     D S D T I Y S P S F Q G Q V T I S A
      GAC TCT GAT ACC ATA TAC AGC CCG TCC TTC CAA GGC CAG GTC ACC ATC TCA GCC

217     D K S I S T A Y L Q W S S L K A S D
      GAC AAG TCC ATC AGC ACC GCC TAC CTG CAG TGG AGC AGC CTG AAG GCC TCG GAC

                                CDR 3
                                -----
271     T A M Y Y C T R G D R G V D Y W G Q
      ACC GCC ATG TAT TAC TGT ACG AGA GGG GAC CGG GGC GTT GAC TAC TGG GGC CAG

                                JH4b
                                -----
325     G T L V T V S S
      GGA ACC CTG GTC ACC GTC TCC TCA
```

Figure 9

Anti-Mannose Receptor B11 VL

V-segment: Locus - L15 Name: DPK7/HK134
J-segment: JK1

```
1   D I Q M T Q S P S S L S A S V G D R
    GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA

                                CDR 1
                                -----
55  V T I T C R A S Q G I S R W L A W Y
    GTC ACC ATC ACT TGT CGG GCG AGT CAG GGT ATT AGC AGG TGG TTA GCC TGG TAT

                                CDR 2
                                -----
109 Q Q K P E K A P K S L I Y A A S S L
    CAG CAG AAA CCA GAG AAA GCC CCT AAG TCC CTG ATC TAT GCT GCA TCC AGT TTG

    CDR 2
    -----
163 Q S G V P S R F S G S G S G T D F T
    CAA AGT GGG GTC CCA TCA AGG TTC AGC GGC AGT GGA TCT GGG ACA GAT TTC ACT

                                CDR 3
                                -----
217 L T I S G L Q P E D F A T Y Y C Q Q
    CTC ACC ATC AGC GGC CTG CAG CCT GAA GAT TTT GCA ACT TAT TAC TGC CAA CAG

    CDR 3
    -----
271 Y N S Y P R T F G Q G T K V E I K
    TAT AAT AGT TAC CCT CGG ACG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA

                                JK 1
```

Figure 10

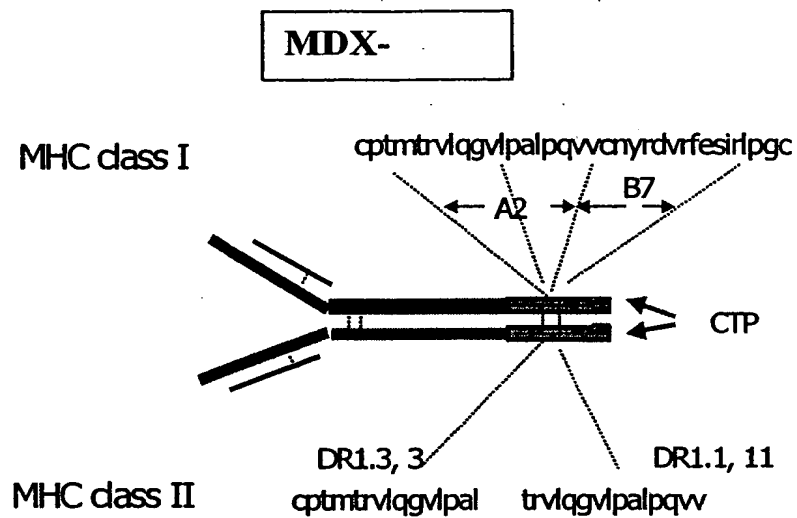


Figure 11

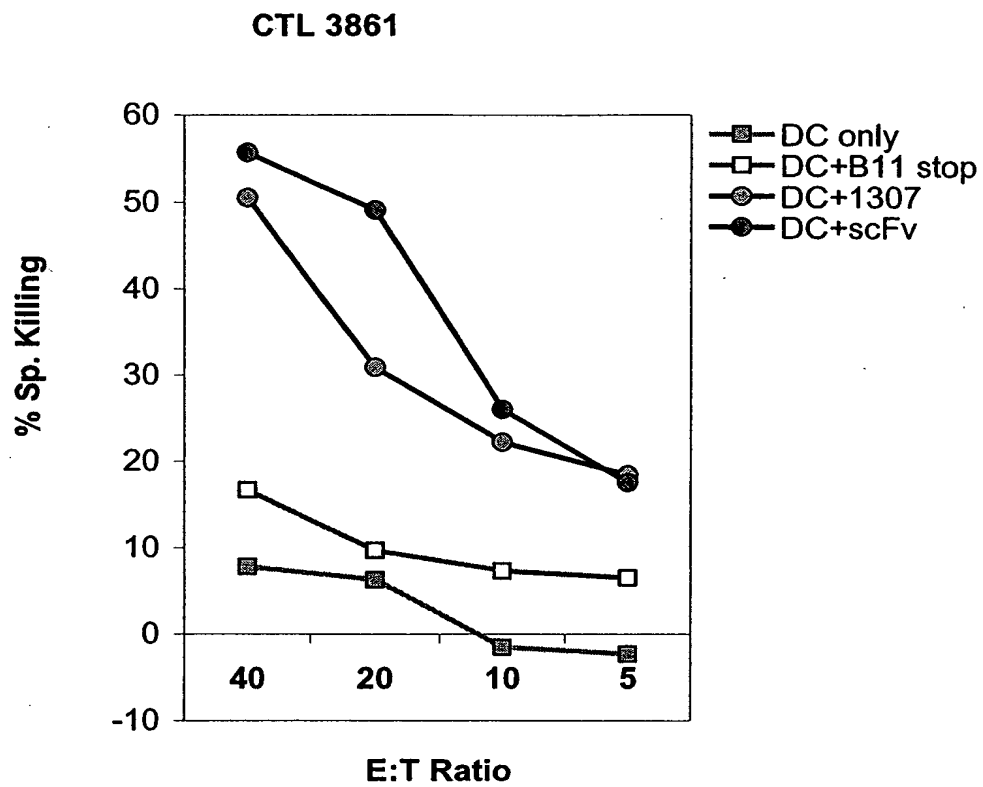


FIGURE 12

Anti-Mannose Receptor VH5-51 Regions

5-51 germline	E V Q L V Q S G A E V K K P G E S L K I S C K G S G Y S F T S Y W I G	CDR1
B11	- - - - - - - - - - - R - - - - - D - - - T - - - -	
5-51 germline	W V R Q M P G K G L E W M G I I Y P G D S D T R Y S P S F Q G Q V T I	CDR2
B11	- - - - - - - - - - - - - - - I - - - - - - - - -	
5-51 germline	S A D K S I S T A Y L Q W S S L K A S D T A M Y Y C A R	CDR3
B11	- - - - - - - - - - - - - - - T - G D R G V D Y	
5-51 germline	W G Q G T L V T V S S	
B11		

Figure 13

Anti-Mannos Receptor VH regions (VH5-51):

VH5-51

Germlin :

B11:

GAG GTG CAG CTG GTG CAG TCT GGA GCA GAG GTG AAA AAG CCC GGG GAG TCT CTG AAG ATC TCC TGT AAG GGT
--- -- -G- --- --

V germline:
B11:

TCT GGA TAC AGC TTT ACC AGC TAC TGG ATC GGC
--- --G- --T- --- --
TGG GTG CGC CAG ATG CCC GGG AAA GGC CTG GAG TGG ATG
--- -- --- --

V germline:
B11:

GGG ATC ATC TAT CCT GGT GAC TCT GAT ACC AGA TAC AGC CCG TCC CAA GGC CAG GTC ACC ATC TCA GCC
--- -- -T- --- --
--- -- --- --

V g rmline:
B11:

GAC AAG TCC ATC AGC ACC GCC TAC CTG CAG TGG AGC AGC CTG AAG GCC TCG GAC ACC GCC ATG TAT TAC TGT
--- -- --- --

V germline:
B11:

GGC AGA
A- - - GGG GAC CGG GGC GTT GAC TAC TGG GGC CAG GGA ACC CTG GTC ACC GTC TCC TCA
--- -- --- --

Figure 14

Anti-Mannose Receptor V α L15 Regions

L15 germline	D I Q M T Q S P S S L S A S V G D R V T I T C R A S Q G I S S W L A W Y Q
B11	- CDR1
L15 germline	Q K P E K A P K S L I Y A A S S L Q S G V P S R F S G S G S G T D F T L T
B11	- CDR2
L15 germline	I S S L Q P E D F A T Y Y C Q Q Y N S Y P
B11	- - G - CDR3 - R T F G Q Q G T K V E I K

Figur 15

Anti-Mannose Receptor VK Regions

L15 germline: GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA GTC ACC ATC
B11: -----

L15 germline: ACT TGT CGG GCG AGT CAG GGT ATT AGC AGC TGG TTA GCC TGG TAT CAG CAG AAA CCA GAG AAA
B11: -----
CDR1

L15 g rmlin : GCC CCT AAG TCC CTG ATC TAT GCT GCA TCC AGT TTG CAA AGT GGG GTC CCA TCA AGG TTC AGC
B11: -----
CDR2

L15 germline: GGC AGT GGA TCT GGG ACA GAT TTC ACT CTC ACC ATC AGC AGC CTG GAG CCT GAA GAT TTT GCA
B11: -----
G

L15 g rmlin: ACT TAT TAC TGC CAA CAG TAT AAT AGT TAC CCT
B11: -----
CDR3

B11: ATC AAA